

REMARKS

In the Office Action mailed from the United States Patent and Trademark Office on August 12, 2005, the Examiner objected to claims 9-10 for informalities, which have been corrected by this paper. The Examiner also rejected claims 1-2, 6-7, 9-14, 16-17 under 35 U.S.C. 102(b) as being anticipated by Harshberger et al. (United States Patent No. 5,311,397, hereinafter "Harshberger"), rejected claims 1, 3-5, and 15 under 35 U.S.C. 102(e) as being anticipated by Jobs et al. (United States Patent No. 6,819,550 B2, hereinafter "Jobs"), and rejected claims 1 and 8 under 35 U.S.C. 102(e) as being anticipated by Dickie (United States Publication No. 2004/0268005 A1, hereinafter "Dickie"). In addition, the Examiner objected claim 18 as being dependent upon a rejected base claim, but is indicated to contain allowable subject matter and would be allowable if placed in appropriate independent form. Accordingly, Applicant respectfully provides the following:

Applicant respectfully submits that the claim set as provided herein is not anticipated by the cited references. The standard for a Section 102 rejection is set forth in M.P.E.P 706.02, which provides:

"... for anticipation under 35 U.S.C. 102, the reference must teach every aspect of the claimed invention either explicitly or impliedly. Any feature not directly taught must be inherently present."

Applicant respectfully submits that the cited references do not teach every aspect of the amended claim set as provided herein and therefore do not anticipate the claim set provided herein. In particular, independent claims 1, 15, and 16 recite a processing control unit having a non-peripheral based encasement and an electrical printed circuit board configuration that comprises multiple interconnected boards. Applicant respectfully submits that for at least the

reason that the cited references do not teach, either explicitly or impliedly, a processing control unit having a non-peripheral based encasement and an electrical printed circuit board configuration that comprises multiple interconnected boards, the cited references do not teach every aspect of independent claims 1, 15, and 16 as provided herein and therefore do not anticipate independent claims 1, 15, and 16.

In addition, dependent claims place further limitations on otherwise allowable subject matter. Accordingly, Applicant respectfully submits that the cited references does not teach, either explicitly or impliedly, every aspect of the claims as provided herein and therefore do not anticipate the claim set provided herein.

Furthermore, the standard for a Section 103 rejection is set for in M.P.E.P 706.02(j), which provides:

To establish a *prima facie* case of obviousness, three basic criteria must be met. First there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the references or combine reference teachings. Second, there must be a reasonable expectation of success. **Finally, the prior art reference (or references when combined) must teach or suggest all the claim limitations.** The teaching or suggestion to make the claimed combination and the reasonable expectation of success must both be found in the prior art, and not based on applicant's disclosure. *In re Vaeck*, 947 F.2d 488, 20 USPQ2d 1438 (Fed. Cir. 1991). (Emphasis added).

Applicant respectfully submits that the cited references do not teach or suggest, alone or in combination, the limitations claimed in the present claim set. In particular, as provided above, independent claims 1, 15, and 16 recite a processing control unit having a non-peripheral based encasement and an electrical printed circuit board configuration that comprises multiple interconnected boards. Applicant respectfully submits that that the cited references do not teach

or suggest, alone or in combination, such limitations as claimed in independent claims 1, 15, and 16 and therefore do not make obvious independent claims 1, 15, and 16.

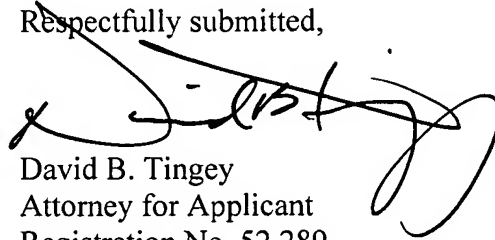
In addition, dependent claims place further limitations on otherwise allowable subject matter. Accordingly, Applicant respectfully submits that the cited references do not teach or suggest, alone or in combination, the limitations claimed in the present claim set and therefore do not make obvious the claim set provided herein.

CONCLUSION

Applicant submits that the amendments made herein do not add new matter and that the claims are now in condition for allowance. Accordingly, Applicant requests favorable reconsideration. If the Examiner has any questions or concerns regarding this communication, the Examiner is invited to call the undersigned.

DATED this 14th day of November, 2005.

Respectfully submitted,



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